

ABSTRACT OF THE DISCLOSURE**5 METHOD AND SYSTEM FOR A NETWORK MANAGEMENT FRAMEWORK
 WITH REDUNDANT FAILOVER METHODOLOGY**

10 A method, system, apparatus, and computer program
 product is presented for management of a distributed data
 processing system. Resources within the distributed data
 processing system are dynamically discovered, and the
 discovered resources are adaptively monitored using the
 network management framework. When the network management
15 framework detects that certain components within the network
 management framework may have failed, new instances of these
 components are started. If duplicate components are later
 determined to be active concurrently, then a duplicate
 component is shutdown, thereby ensuring that at least one
 instance of these components is active at any given time.
20 After certain failover events, a resource rediscovery
 process may occur, and a topology database containing
 previously stored information about discovered resources is
 resynchronized with resource information about rediscovered
 resources.

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TOP SECRET - FROTH